

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	226	pump and (inlet with turbulence with (lower lowered reduction reduced))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:12
L2	33	pump with (inlet with turbulence with (lower lowered reduction reduced))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:15
L18	997	pump with inlet with restriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:37
L19	599	pump with inlet with flow with restriction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:38
L20	16	19 and (sampler sampling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:47
L21	1163	((73/28.01,28.03,28.04,28.05,28.06) or (73/31.01,31.02,31.03,31.07)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/03 19:46
L22	1	21 and (pump with inlet with restrict\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:45
L23	2408	((73/28.01,28.03,28.04,28.05,28.06) or (73/31.01,31.02,31.03,31.07) or (73/863.21,863.51,863.71,863.81,864.81)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/03 19:47
L24	28	23 and ((dust particle) with optical with detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/03 19:48
S1	19787	(smoke or particle) with (detector or detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 14:25
S2	21688	(smoke or particle or dust) with (detector or detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:53
S3	282	((smoke or particle or dust) with (detector or detector)) and (sampler\$4 near tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 13:46
S4	16	("3357257" "3643689" "3765247" "4113434" "4601211" "4860598" "4993271" "5005430" "5090257" "5553496" "5553507" "5601234" "5856623" "6230080" "6234005" "6425297").PN.	USPAT	OR	ON	2004/10/20 13:52
S5	7	("3777571" "3842679" "3981193" "4061036" "4602514" "4615224" "4624146").PN.	USPAT	OR	ON	2004/10/20 13:56
S6	8	("2687185" "2930237" "3357257" "3427880" "3511099" "3774044" "4208655" "4254414").PN.	USPAT	OR	ON	2004/10/20 13:57

S7	4	"4615224".URPN.	USPAT	OR	ON	2004/10/20 13:58
S8	15	"5090257".URPN.	USPAT	OR	ON	2004/10/20 13:59
S9	16	("3357257" "3643689" "3765247" "4113434" "4601211" "4860598" "4993271" "5005430" "5090257" "5553496" "5553507" "5601234" "5856623" "6230080" "6234005" "6425297").PN.	USPAT	OR	ON	2004/10/20 14:00
S10	15	("3736792" "3765247" "3784902" "3881359" "3999066" "4184360" "4382808" "4389903" "4584887" "4649760" "4696181" "4813984" "4838371" "5110747" "5196170").PN.	USPAT	OR	ON	2004/10/20 14:00
S11	1	"4091835".PN.	USPAT	OR	ON	2004/10/20 14:03
S12	1	"5856623".URPN.	USPAT	OR	ON	2004/10/20 14:03
S13	13	("4688183" "5444637" "5518451" "5553006" "5572533" "5764146" "5798945" "5858041" "5862054" "5943231" "5966674" "5971597" "6099607").PN.	USPAT	OR	ON	2004/10/20 14:04
S14	20	("2675697" "3351759" "3558884" "3861216" "3861217" "3888112" "3965748" "4117715" "4254657" "4550591" "4586389" "4633706" "4740220" "4827779" "4960568" "5056355" "5223439" "5369981" "5514562" "5571945").PN.	USPAT	OR	ON	2004/10/20 14:06
S15	0	"6249220".URPN.	USPAT	OR	ON	2004/10/20 14:14
S16	1	"5400246".PN.	USPAT	OR	ON	2004/10/20 14:14
S17	1	(JP-63157035-\$.)did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 12:05
S18	2	(JP-10267803-\$.)did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 12:50
S19	2	conduit with elbow with accumulat\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 12:56
S20	3	"5016923".URPN.	USPAT	OR	ON	2004/10/21 12:53
S21	5	("1108918" "1246189" "1861314" "2428381" "2911235").PN.	USPAT	OR	ON	2004/10/21 12:53
S22	9	conduit with elbow with collect\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 12:57
S23	121	tubewith elbow with collect\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 12:58
S24	12	tube with elbow with collect\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:03
S25	30	pipe with elbow with collect\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:01
S26	8	pipe with elbow with accumulat\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:01
S27	0	tube with elbow with accumult\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:03

S28	6	tube with elbow with accumulats\$4 with (dust or dirt or debris or particl\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:03
S29	21702	(smoke or particle or dust) with (detector or detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:41
S30	55	((smoke or particle or dust) with (detector or detector)) and ((flared or widen\$4 or expand\$4) with connection)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:45
S31	11	((smoke or particle or dust) with (detector or detector)) and ((flared or widen\$4 or expand\$4) with coupling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:47
S32	2305	((smoke or particle or dust) with (detector or detector)) and (flared or widen\$4 or expand\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:47
S33	65	((smoke or particle or dust) with (detector or detector)) and ((flared or widen\$4 or expand\$4) with housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 13:47
S34	11	("4017414" "4518952" "4522190" "4649895" "4827244" "4859075" "5117809" "5170148" "5443056" "5611329" "5611620").PN.	USPAT	OR	ON	2004/10/21 13:49
S35	1	"6015230".URPN.	USPAT	OR	ON	2004/10/21 13:49
S36	7	("3693401" "4462244" "5170148" "5523744" "5670946" "6015230" "6423962").PN.	USPAT	OR	ON	2004/10/21 13:49
S37	8	("3693401" "4093867" "4271693" "4301674" "4462244" "4827244" "5170148" "5309148").PN.	USPAT	OR	ON	2004/10/21 13:50
S38	3	("2821048" "2850615" "3001524").PN.	USPAT	OR	ON	2004/10/21 13:50
S39	5	"5670946".URPN.	USPAT	OR	ON	2004/10/21 13:51
S40	1	"6640608".URPN.	USPAT	OR	ON	2004/10/21 13:52
S41	10	("3693401" "3881112" "4271693" "4301674" "4462244" "5361623" "5598147" "5670946" "5966076" "6640608").PN.	USPAT	OR	ON	2004/10/21 13:52
S42	10	"4271693".URPN.	USPAT	OR	ON	2004/10/21 13:53
S43	339	((smoke or particle or dust) with (detector or detector)) and ((clean adj room) or cleanroom)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 14:18
S44	113	((smoke or particle or dust) with (detector or detector)) and venturi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 14:19
S45	101750	(pump or aspirator) with inlet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 14:54
S46	6437	((pump or aspirator) with inlet) and (inlet with (connector or coupling))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 12:02
S47	69	((((pump or aspirator) with inlet) and (inlet with (connector or coupling)))) and ((connector or coupling) with (expanded or flared or widened or expanded))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/21 15:04

S58	924	(fan with inlet) and (inlet with (connector or coupling))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 15:39
S60	22	("0590374" "5878786" "1374866" "1881679" "2216864" "5359725" "2825431" "3965933").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 13:22
S61	49	("1026607" "1280312" "1457126" "1462482" "1860521" "2093515" "3061338" "3109670" "4002110" "4173361" "4683798").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 13:22
S62	3	("5288469" "5423779" "5968032").PN.	USPAT	OR	ON	2004/10/22 13:42
S63	0	"6585791".URPN.	USPAT	OR	ON	2004/10/22 13:43
S64	53	semispherical with connector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 15:05
S65	3	("6615831").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/22 15:51
S66	24	("2996078" "3811531" "4524947" "4957107" "4967781" "5020771" "5237987" "5241955" "5271389" "5551419" "5577496" "5598838" "5630411" "5694923" "5704346" "5841080" "5881722" "5931159" "5953713" "5960831" "6023830" "6041780" "6050260" "6152135").PN.	USPAT	OR	ON	2004/10/22 15:41
S67	2492	(centrifugal adj (fan or blower)).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/22 15:59
S70	6	("2004003518").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 07:33
S71	2	("20040035184").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 07:38
S72	15	(pump aspirator) and ((semispherical semisphere) with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 07:41
S73	48	(pump aspirator) and (hemispher\$4 with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 07:45
S74	1650	(pump aspirator) with (inlet with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 08:04
S75	486	S74 and (\$6spher\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 07:52

S76	488	S74 and (\$6spher\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 07:47
S77	83	S74 and (\$6spher\$4) not atmosph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 07:52
S78	19	(pump aspirator) and (inlet with curved with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 08:07
S79	87	(pump aspirator) and (inlet with shape with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 08:12
S80	0	(pump aspirator) and (cpntour\$4 with shape with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 08:12
S81	13	(pump aspirator) and (contour\$4 with shape with connector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 08:45
S82	459	(pump aspirator) with inlet with ((cup spheric\$) with shap\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 09:08
S83	8026	(agilent-\$).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 09:08
S84	3	("6,615,831").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 09:47
S85	24692	ADHEsive with test\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 09:53
S86	0	((073/28.01,28.03,28.04,28.05,28.06) or (073/31.01,31.02,31.03,31.07)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 10:28
S87	1119	((73/28.01,28.03,28.04,28.05,28.06) or (73/31.01,31.02,31.03,31.07)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/03 19:44
S88	387	S87 and (pump aspirator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 10:28

S89	558	S87 and (smoke particle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 10:28
S90	387	S88 and (pump aspirator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 10:29
S91	243	S89 and (pump aspirator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 10:29
S92	366	((sampling sampler) near tube) with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 18:07
S93	677	(centrifugal adj (pump fan)) and ((pump fan) with inlet with tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 14:43
S94	51	sniffer.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 14:56
S95	23	(FLOSBACH-r\$).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 14:56
S96	28	(bent with (conduit tube) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:40
S97	11	(bent with (conduit tube) with trap\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:35
S98	1	(elbow with (conduit tube) with trap\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:35
S99	0	(elbow with (conduit tube) with trap\$4 with (debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:36
S10 0	0	(bent with (conduit tube) with trap\$4 with (debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:36
S10 1	2	(bend with (conduit tube) with trap\$4 with (debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:36

S10 2	1	(bent with (hos) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:37
S10 3	13	(bent with (hose) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:39
S10 4	0	(elbow with (hose) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:39
S10 5	9	(elbow with (hose) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:39
S10 6	0	(elbow with (hose) with collect\$4 with (debris))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:39
S10 7	17	(corner with (conduit tube) with collect\$4 with (particles dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:40
S10 8	23	(corner with (conduit hose tube) with collect\$4 with (particles debris dust))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 16:40
S10 9	3	"6585791"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/16 17:25
S11 0	2	("6585791").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 17:25
S11 1	1147	((73/28.01,28.03,28.04,28.05,28.06) or (73/31.01,31.02,31.03,31.07)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/16 18:07
S11 2	15	S111 and ((sampling sampler) near tube) with pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 18:07